



6 - 4 - 07

yfw

CASE BP/G-32575A

EV 786957237
Express Mail Label Number

FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

5 | 31 | 2007
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

BETZ ET AL.

INTERNATIONAL APPLICATION NO: PCT/EP03/07349

FILED: 8 JULY 2003

U.S. APPLICATION NO: 10/520,568 ✓

35 USC §371 DATE:

FOR: LIQUID FORMULATIONS WITH HIGH CONCENTRATION OF
HUMAN GROWTH HORMONE (HGH) COMPRISING 1,2-
PROPYLENE GLYCOL**MS: Amendment**Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is supplemental to the Information Disclosure Statement filed January 7, 2005. Since Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, no fees are believed to be required under 37 C.F.R. §1.97(b)(3). If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,



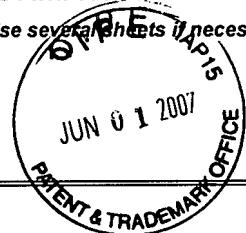
Mark Bowditch
Attorney for Applicants
Reg. No. 40,315

Novartis
Corporate Intellectual Property
One Health Plaza, Building 104
East Hanover, NJ 07936-1080
(609) 627-8507

Date: 5/31/2007

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY. DOCKET NO.
BPG-32575A
APPLICATION NO.
10/520,568
APPLICANT
BETZ ET AL.
FILING DATE

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,597,802	1/28/97	Clark et, al.			
	AB	4,857,505	8/15/89	Volker D. Arendt			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	NO
	AM	EP 0 303 746	2/22/89	International Minerals			<input type="checkbox"/>	<input type="checkbox"/>
	AN	EP 0 211 601	7/29/86	International Minerals			<input type="checkbox"/>	<input type="checkbox"/>
	AO	AU A-60733/86	2/5/87	International Minerals Corp			<input type="checkbox"/>	<input type="checkbox"/>
	AP	WO 1991/14454	4/2/91	Skua Investments Ltd			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	AU A-611856	9/5/90	Chungai Seiyaku			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Physicians Desk Reference, PDR 43, 1989 Edition 989-990
	AS	Peter Goddard, " Therapeutic proteins- a Pharmaceutical perspective", 1990, pgs103-131
	AT	Isosmotic and Isotonic Solutions, pgs 521-526

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

(Use several sheets if necessary)

ATTY. DOCKET NO.
BP/G-32575A
APPLICATION NO.
10/520,568
APPLICANT
BETZ ET AL.
FILING DATE

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
BA						
BB						
BC						
BD						
BE						
BF						
BG						
BH						
BI						
BJ						
BK						
BL						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
BM	WO 1989/02751	9/26/88	Cetus Corporation			<input type="checkbox"/>	<input type="checkbox"/>
BN	WO 1991/11200	8/8/91	Janssen Pharma			<input type="checkbox"/>	<input type="checkbox"/>
BO	WO 1995/28174	3/30/95	Genentech, Inc			<input type="checkbox"/>	<input type="checkbox"/>
BP						<input type="checkbox"/>	<input type="checkbox"/>
BQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

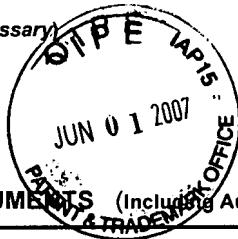
BR	Thurow " Stabilisation of dissolved proteins against denaturation at hydrophobic interfaces", 1984, Diabetologica, pgs 212-218
BS	Attar S. Chawla" Aggregation of Insulin, containing surfactants, in contact with different materials", pgs 420-424
BT	Physicians Desk Reference, PDR 39, Edition 1985, pgs 1940-1941

EXAMINER _____ DATE CONSIDERED _____

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
BP/G-32575A
APPLICATION NO.
10/520,568
APPLICANT
BETZ ET AL.
FILING DATE

Group

EXAMINER
INITIAL**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	DA	Journal of Parenteral Science and Technology , Technical Report 10 " Parenteral Formulations of Proteins and Peptides: Stability and Stabilizers", 1988, pgs 2-26
	DB	
	DC	
	DD	
	DE	
	DF	
	DG	
	DH	
	DI	
	DJ	
	DK	
	DL	
	DM	
	DN	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.